Bachelor Level/Third Year/Fifth Semester/Science　　　　　　Full Marks: 60
Computer Science and Information Technology　　　　　　Pass Marks: 24
(CSC 307 – E-Governance)　　　　　　Time: 3 hours.
Candidates are required to give their answers in their own words as for as practicable.
The figures in the margin indicate full marks.

Attempt any two questions　　　　　　　　　　　　　　**(2*10=20)**

1. What is E-Governance? Discuss critical flow model and comparative analysis model in detail.

2. Define the terms data warehousing and data mining. Discuss key areas that demand the use of data warehousing and data mining.

3. Discuss E-Governance initiatives taken by government of Nepal in present context.

Attempt any eight　　　　　　　　　　　　　　　　**(8*5=40)**

1. Discuss the needs of E-governance.

2. What are the issues related to E-governance applications? Why do we need to consider these issues?

3. How can we use E-governance models to achieve good governance? Discuss.

4. What are different levels in maturity model?

5. Discuss human infrastructural preparedness for E-readiness?

6. What is technological infrastructural preparedness for E-readiness? Discuss.

7. How can we use data warehousing and data mining concepts in census data? Discuss.

8. What are the goals that data mining attempts to facilitate?

9. Discuss in brief about E-governance in China.

10. Write short notes. (Any two).
    a) Cyber law
    b) G2C2G
    c) Digital divide

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Long Answer Questions:
Attempt any two questions. (10x2=20)

1. What is E-Governance? Discuss broadcasting and interactive-service models in detail.

2. Define the terms data warehousing and data mining. Discuss the use of data warehousing and data mining in census and prices of essential commodities.

3. Explain the E-governance initiative taken by government of Nepal and also explain the challenges for this initiative.

Short Answer Questions:
Attempt any eight questions. (8x5=40)

4. Why do we need E-governance? Explain.

5. Discuss scope and content of E-governance.

6. Why cyber law is importance for Nepal? Explain.

7. Explain the characteristics of maturity levels.

8. Discuss legal infrastructural preparedness for E-readiness.

9. What is institutional infrastructural preparedness for E-readiness? Discuss.

10. Discuss the use of data warehousing and data mining concepts in agriculture.

11. What is data warehouse? How does it differ from the database?

12. Explain in brief about E-governance initiatives in USA.

13. Write short notes: (Any Two)
    a. Global trends of growth in E-governance.
    b. Cyber law
    c. E-readiness